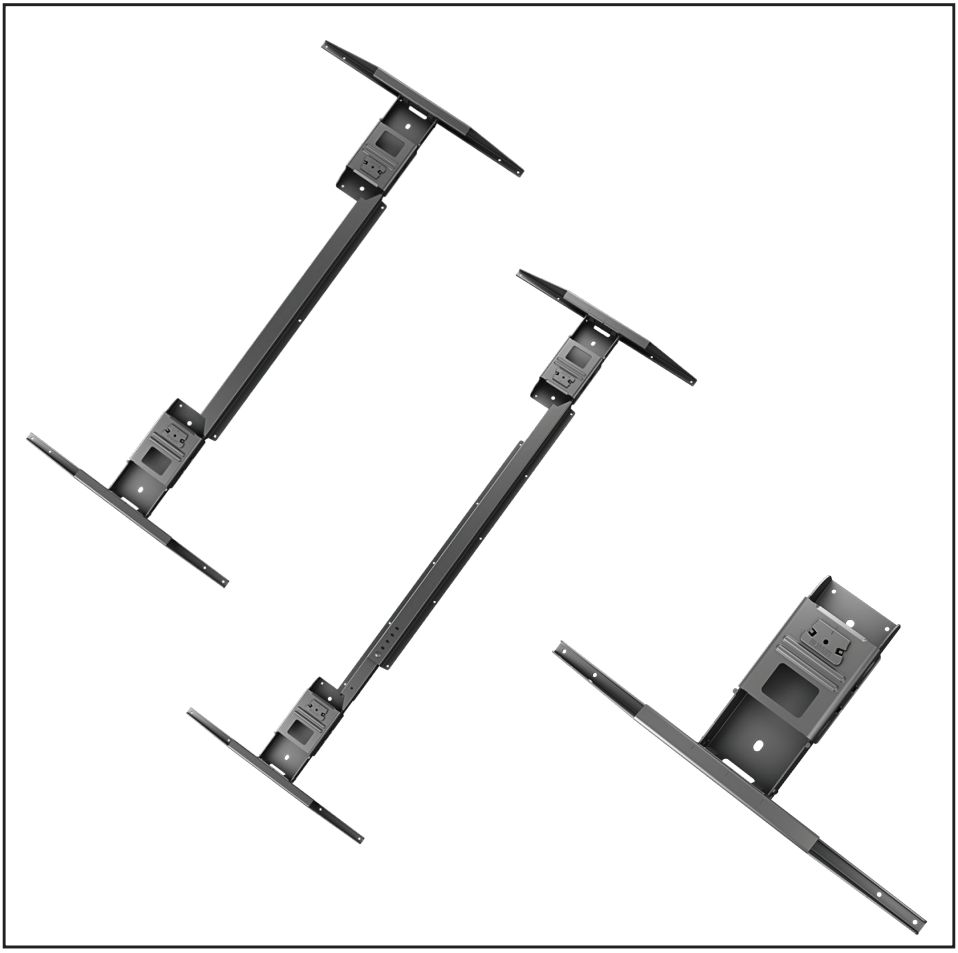
USER MANUAL

DESKLINE®
IMPROVING ERGONOMICS

KICK & CLICK



To learn more about LINAK please visit:

WWW.LINAK.COM

LINAK®
WE IMPROVE YOUR LIFE

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Preface

Dear User,

We are delighted that you have chosen a product from LINAK®.
LINAK systems are high-tech products based on many years of experience in the manufacture and development of actuators, electric control boxes, controls and chargers.

This User Manual does not address the end-user. It is intended as a source of information for the manufacturer of the equipment or system only, and it will tell you how to install, use and maintain your LINAK electronics. It is the responsibility of the manufacturer of the end-use product to provide a User Manual where relevant safety information from this manual is passed on to the end-user.

We are sure that your LINAK product/system will give you many years of problem-free operation.
Before our products leave the factory they undergo full function and quality testing. Should you nevertheless experience problems with your LINAK product/system, you are always welcome to contact your local dealer.

LINAK subsidiaries and some distributors situated all over the world have authorised service centres, which are always ready to help you.
LINAK provides a warranty on all its products. This warranty, however, is subject to correct use in accordance with the specifications, maintenance being done correctly and any repairs being carried out at a service centre, which is authorised to repair LINAK products.
Changes in installation and use of LINAK products/systems can affect their operation and durability. The products are not to be opened by unauthorised personnel.

The User Manual has been written based on our present technical knowledge. We are constantly working on updating the information and we therefore reserve the right to carry out technical modifications.

LINAK A/S

Important information

Important information on LINAK® products can be found under the following headings:

Warning!
Failure to comply with these instructions may result in accidents involving serious personal injury.

Failing to follow these instructions can result in the product being damaged or being destroyed.

Safety instruction

General

Safe use of the system is possible only when the operating instructions are read completely and the instructions contained are strictly observed.

Failure to comply with instructions marked with the "NOTE" symbol may result in serious damage to the system or one of its components.

It is important for everyone who is to connect, install, or use the systems to have the necessary information and access to this User Manual. Follow the instructions for mounting – risk of injury if these instructions are not followed.

The appliance is not intended for use by young children or infirm persons without supervision.

If there is visible damage on the product it must not be installed.

Note that during construction of applications, in which the actuator is to be fitted, there must be no possibility of personal injury, for example the squeezing of fingers or arms.

Assure free space for movement of application in both directions to avoid blockade.

Before installation, re-installation, or troubleshooting:

- Stop the columns.
- Switch off the power supply and pull out the mains plug.
- Relieve the columns of any loads, which may be released during the work.

Before start-up:

- Make sure that the system has been installed as instructed in this User Manual. Describing the motor system.
- Make sure that the voltage of the control box is correct before the system is connected to the mains.
- System connection. The individual parts must be connected before the control box is connected to the mains. See the User Manual for LINAK actuators, if necessary.

During operation

- If the control box makes unusual noise or smells, switch off the mains voltage immediately.
- Duty Cycle: 10%, Max. 2 min./18 min. pause
- Take care that the cables are not damaged.
- Unplug the mains cable on mobile equipment before it is moved.
- The products must only be used in an environment, that corresponds to their IP protection.

Misc.

For further information, installation guidelines etc. for the motor system, please see the relevant user manual: *www.linak.com/deskline*.

Updated manuals and declarations can always be found here: *www.linak.com/deskline.*

Only for EU markets

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Only for Non EU markets

Persons who do not have the necessary experience or knowledge of the product/products must not use the product/products. Besides, persons with reduced physical, sensory or mental abilities must not use the product/products, unless they are under surveillance or they have been thoroughly instructed in the use of the apparatus by a person who is responsible for the safety of these persons.

Moreover, children must be under surveillance to ensure that they do not play with the product.

It is the operator's responsibility to ensure that there is free space for the application to move without risk for the operator or bystanders before operating the application.

Misuse

Do not overload the actuators – this can cause danger of personal injury and damage to the system.

Do not use the actuator system for lifting persons. Do not sit or stand on a table while operating – risk of personal injury.

Do not use the system in environments other than the intended indoor use

Repairs

In order to avoid the risk of malfunction, all DESKLINE® repairs must only be carried out by authorised LINAK workshops or repairers, as special tools must be used and special gaskets must be fitted. Lifting units under warranty must also be returned to authorised LINAK workshops.

Warning!
If any of the DESKLINE® products are opened, there will be a risk of subsequent malfunction.

Warning!
The DESKLINE® systems do not withstand cutting oil.

DECLARATION OF INCORPORATION OF PARTLY COMPLETED MACHINERY

LINAK A/S
Smedevænget 8
DK - 6430 Nordborg

Name and address of the person authorized to compile the relevant technical documentation:
John Kling, Group Headquarters, Guderup, DK-6430 Nordborg, email jkl@linak.com

Herewith declares that LINAK Actuators and Actuator Systems comply with the following parts of the Machinery Directive 2006/42/EC, ANNEX I, *Essential health and safety requirements relating to the design and construction of machinery*:
1.5.1 Electricity supply: *Directive 2006/95/EC on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.*
1.5.10 Radiation, 1.5.11 External radiation: *Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility.*

The relevant technical documentation is compiled in accordance with part B of Annex VII and that this documentation or part hereof will be transmitted by post or electronically to a reasoned request by the national authorities.

This partly completed machinery must not be put into service until the final machinery into which it is to be incorporated has been declared in conformity with the provisions of this Directive, where appropriate.

Date: 2010-01-01

Signature:

John Kling
Certification and Regulatory Affairs

Misc. on the DESKLINE® system

This system is a DESKLINE system developed for desks and for indoor use in offices. Do not use it in industrial kitchens or in other environments that have to be cleaned with aggressive detergents.

Warranty - 60 months on DESKLINE® (NEW)
There is a 60 month warranty on Kick & Click™ systems.

Read more about the warranty period at the motorsystems in the standard user manuals found on *www.linak.com/deskline.*

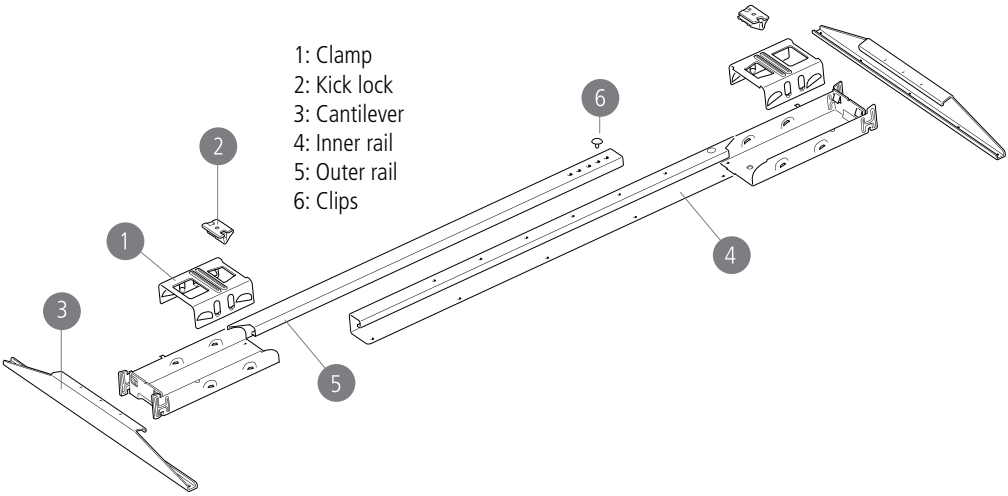
Maintenance
Clean dust and dirt on the outside of the system at appropriate intervals and inspect them for damage and breaks.
Inspect the connections, cables, and plugs and check for correct functioning as well as fixing points.

Description of the DESKLINE® Kick & Click™ system

LINAK is introducing a smart and intuitive mounting solution for mounting Desklift columns to the tabletop. The solution is perfect for various 2 leg office desks. The unique feature of Kick & Click is the way of mounting. The system is clicked together without using tools and at the same time avoiding the 6 screws normally used for mounting each column to a frame, simply clever.

Kick & Click is a modular concept compatible with all 8 DESKLINE columns with motor housing leaving the design to the desk manufacturer. Kick & Click comes standard in 3 versions: Kick & Click Adjustable, Kick & Click Fixed and Kick & Click Base.

Kick & Click: names of the different parts



Features all versions:
- Colours: Black, grey or white
- Cantilever length: 550 mm

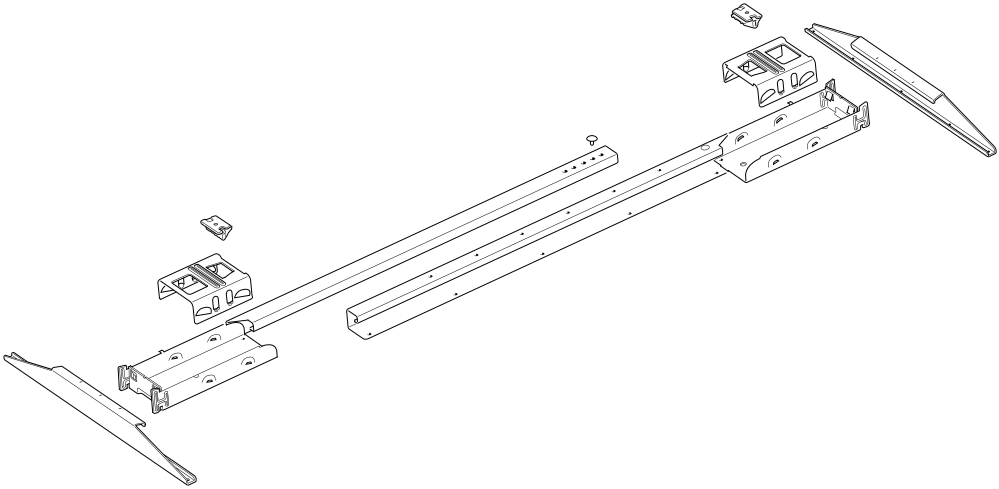
Features Kick & Click Adjustable:
- Fits desks from 1400 - 2000 mm (frame width 1340 - 1940 mm)

Features Kick & Click fixed:
- Fits desks of 1200 mm (frame width 1140 mm)

Features Kick & Click Base:
- Fits various desk sizes and types

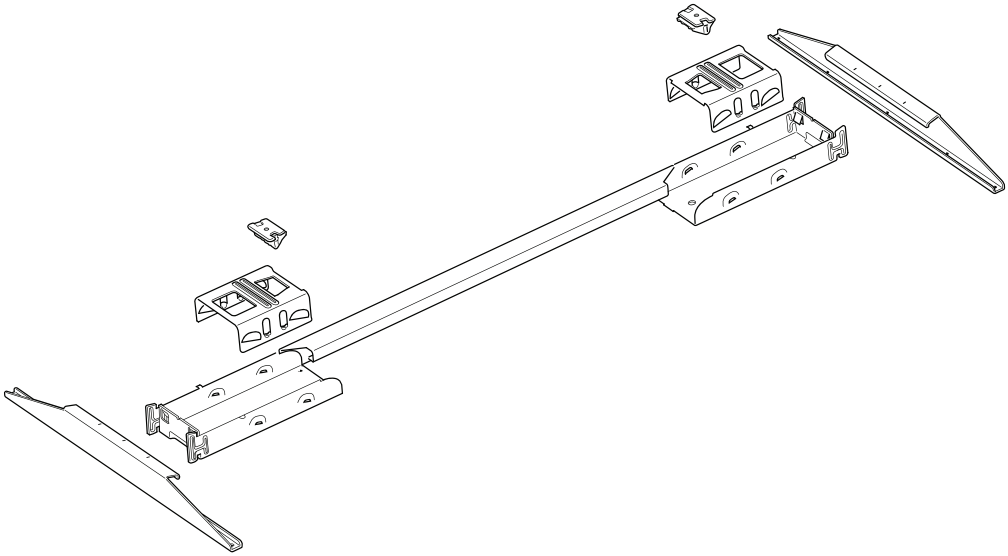
Usage:
- Compatible with DESKLINE systems based on columns with motor housing: DL5, DL6, DL8, DL9, DL10, DL11, DL15 or DL16
- Can be used for either T-desk (centrally placed leg) or C-desk (off-centre placed leg)

Kick & Click Adjustable



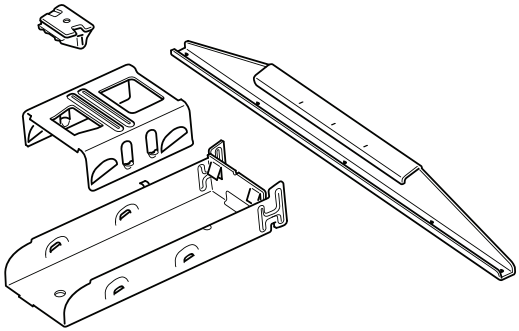
The Adjustable system includes a telescopic inner and outer rail where the base is welded on.

Kick & Click Fixed



Compared to the Adjustable system the Fixed system only consists of one rail which is welded to the base in both ends.

Kick & Click Base

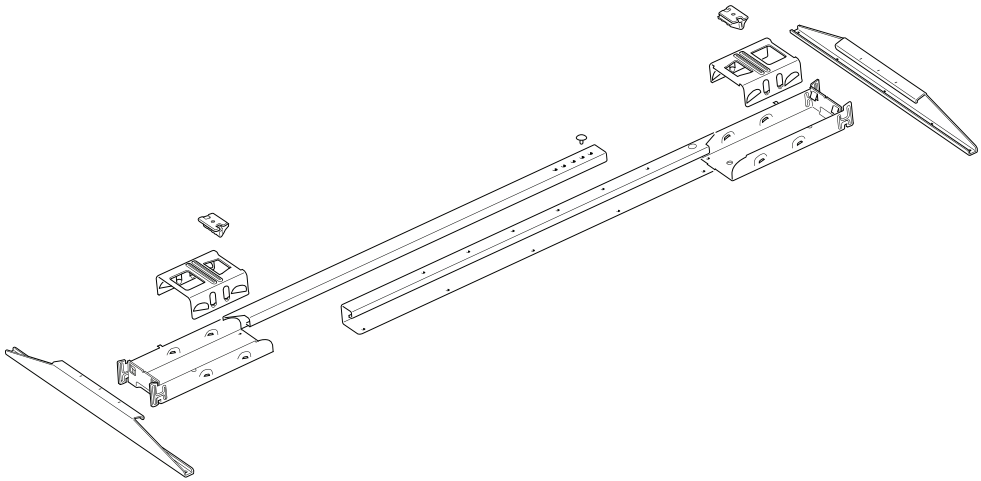


The Base system is without the inner and the outer rail. The system is preferred if the OEM want to weld his own rail on the Base, or if the desk design does not need a rail e.g. due to tabletop thickness. The Base system could also be used for a 3 leg desk.

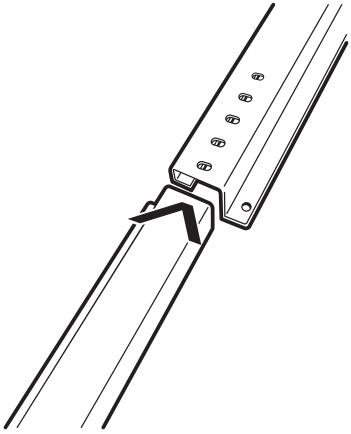
Mounting guidelines for the Kick & Click system

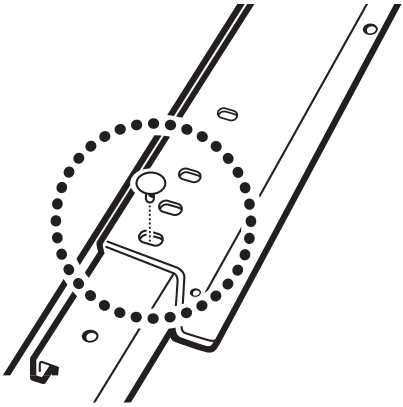
Kick & Click Adjustable

1. Gather all the parts for the desk

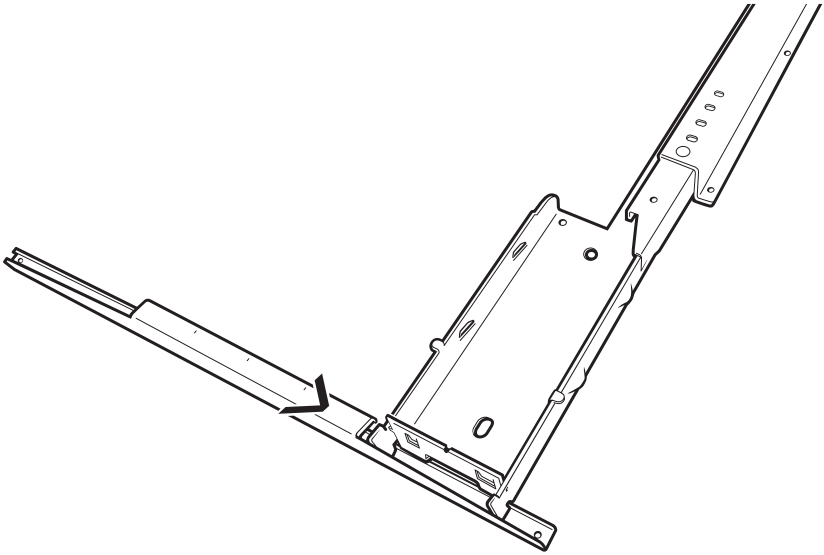


2. Fix the inner rail with the outer rail. Extend the rails to the required length (frame width from 1140 – 1940 mm) using the holes on the rails as indicator on the length. Fix the length with the clip.

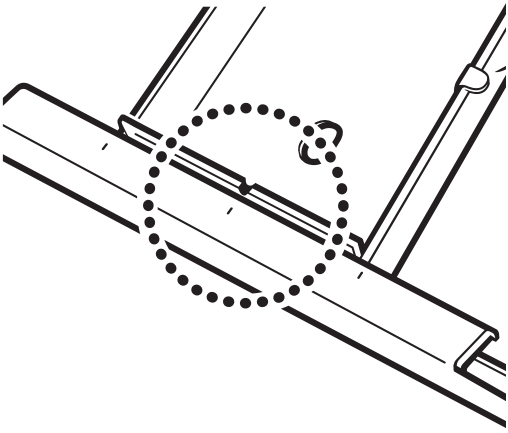




3. Slide the cantilevers on the base of the inner rail and on the base of the outer rail.

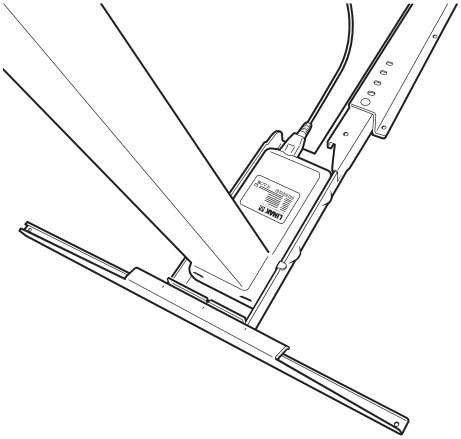


4. If the leg is placed centrally ("T-desk") on the desk, the middle line on the cantilever must be aligned with the centre on the inner rail/outer rail

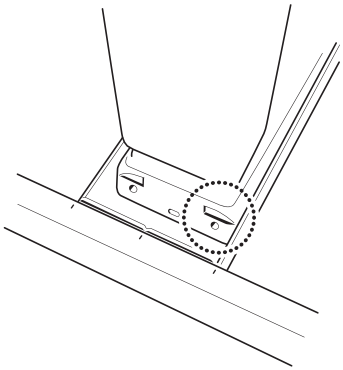


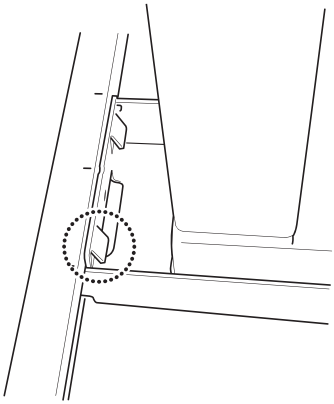
5. If the leg is placed off-centre ("C-desk") on the desk, the line off-centre on the cantilever must be aligned with the centre on the inner rail/outer rail

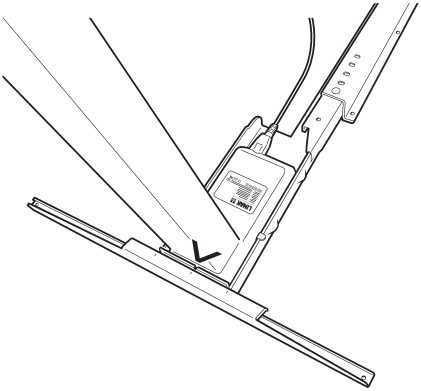
6. Mount the column by placing it in the base.



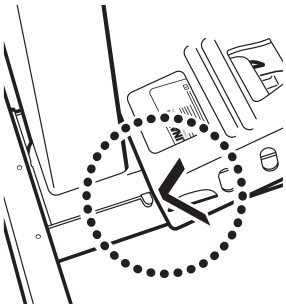
Observe that the column is prepared for Kick & Click having the slots on the backside of the housing (see drawing)

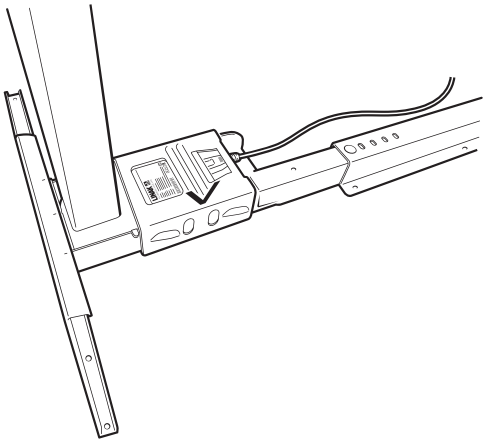




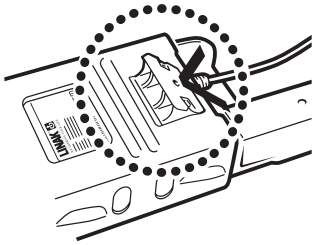


7. Place the clamp on the housing of the column, press it down softly. The clamp will still be possible to move a little when placed.

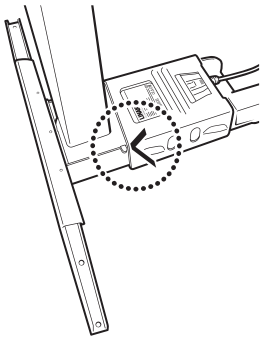


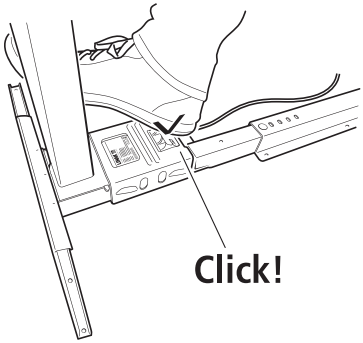


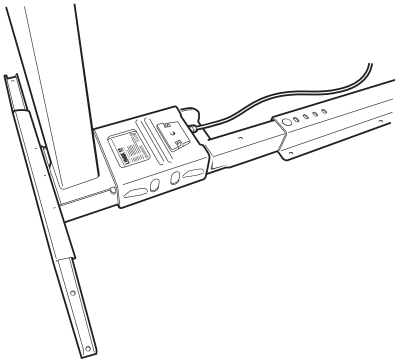
8. Place the Kick Lock in the clamp. The arrow on the Kick Lock must face the arrow on the clamp.



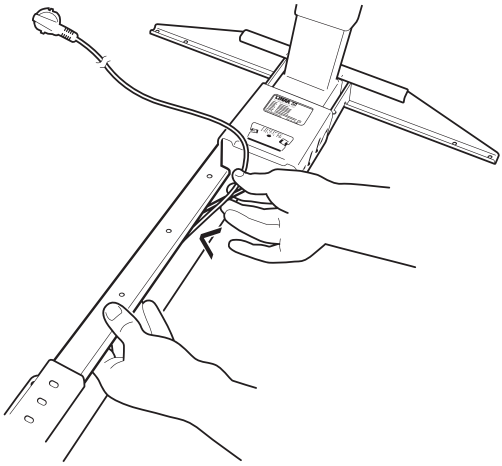
9. Fix the Kick Lock in the clamp with your foot. When your hear the clicking sound, the Kick Lock is mounted and the column is fixed together with the Kick & Click parts. Repeat the mounting in the other end.







10. Hide cables. The rails are designed so that cables from the columns and control box can be hidden inside the rail.



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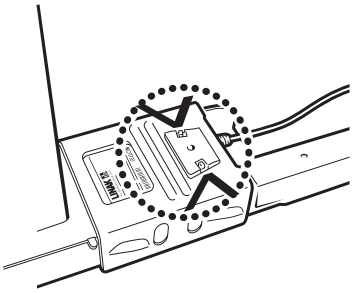
The Kick & Click system is now ready to be mounted together with the tabletop, the feet and the electronic parts.

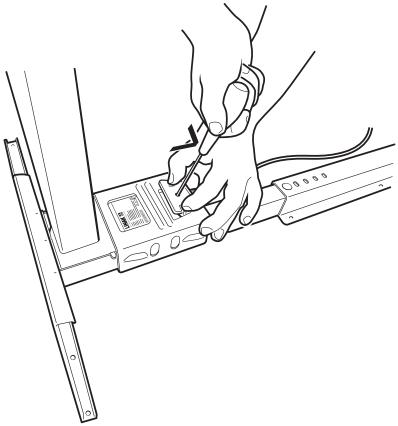
If you mount the Kick & Click Fixed or the Kick & Click Base systems, gather all the system parts and follow the above instructions from point 3

Disassembling guidelines for the Kick & Click system

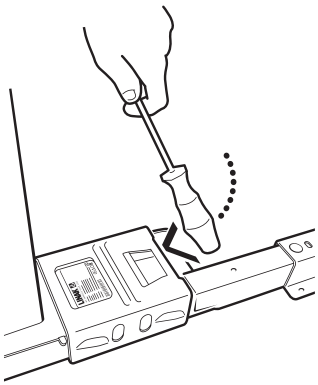
If you need to demount a column or the complete desk it is easily done.

1. Remove the Kick Lock: Press the two pins on the side of the Kick Lock softly while removing the Kick Lock with a screwdriver as shown on the drawing.

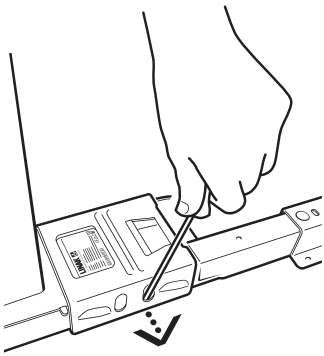




2. Loosen the clamp: give it a soft hit on the end e.g. using the handle of a screwdriver.



3. Remove the clamp: Place a screwdriver in one of the holes on the clamp and twist it a bit, until the clamp is released from the base part. The clamp is now easily removed by hand and the rest of the system can be taken apart.



Accessories and repair

Ordering accessories
Order from your nearest LINAK® dealer or subsidiary.

Accessories
Please contact your nearest LINAK dealer for information.

Repairs
Systems should only be repaired by an authorised LINAK service centre or engineer. Systems to be repaired under warranty must be sent to an authorised LINAK service centre.

Warning!
By unauthorised opening of the system there is a risk that it may malfunction at a later date.

Spare parts
Please contact your nearest LINAK dealer for information on spare parts.

Disposal of LINAK's products

As LINAK's customers often ask us how our products can be disposed or scrapped we have prepared this guidance that enables a classification to different waste fractions for recycling or combustion.

Guidance

We recommend our products to be disassembled as much as possible and divided into different waste groups for recycling or combustion.

For example, waste can be sorted into metals, plastics, cable scrap, combustible material, and recoverable resources.

Some of these main groups can be further divided into subgroups; e.g. metal can be divided into steel/ aluminium/copper and plastic can be divided into ABS/PA/PE/PP.

As an example, the table below breaks down the different components in LINAK products to various recycling groups:

Product	Components	Recycling group
Columns/ Actuator :	Spindle and motor Plastic housing Cable PCB boards	Scrap Plastic recycling or combustion Cable scrap or combustion Electronics scrap
Control Box :	PCB boards Plastic housing Cable Transformer	Electronics scrap Plastic recycling or combustion Cable scrap or combustion Metal scrap
Handset/Control :	Plastic housing Cable PCB board	Plastic recycling or combustion Cable scrap or combustion Electronics scrap
Kick & Click	Metal parts	Scrap

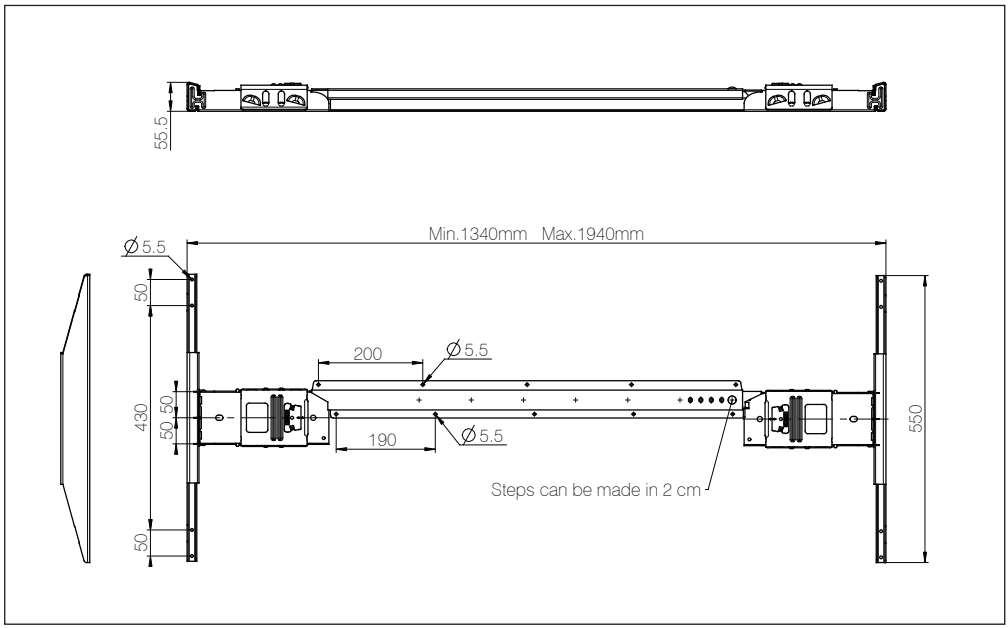
By now almost all our casted plastic parts are supplied with an interior code for plastic type and fibre contents, if any.

Main groups of disposal

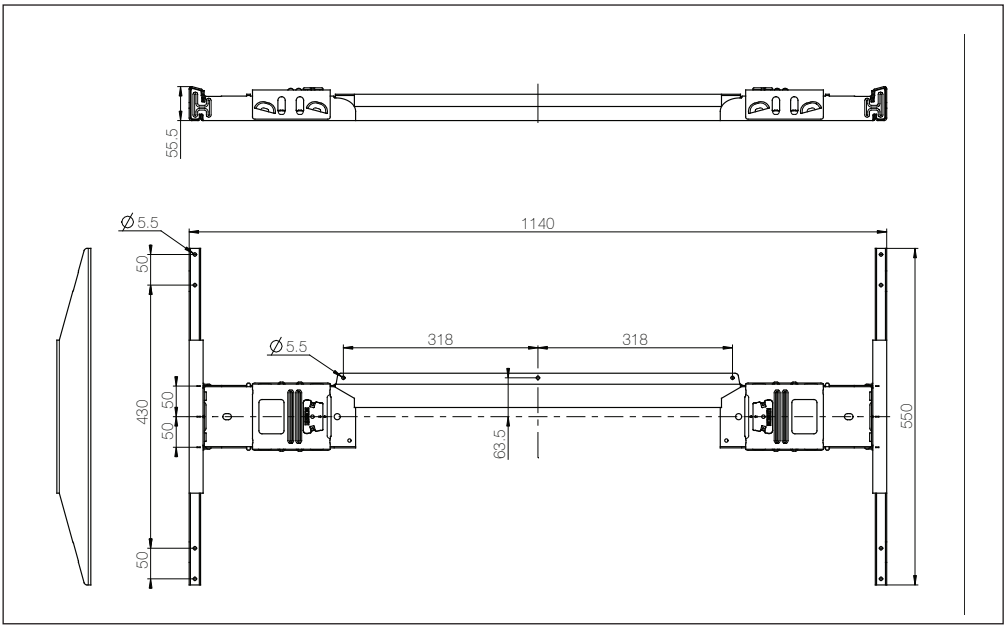
Product main groups	Metal scrap	Cable scrap	Electronics scrap	Plastic recycling or combustion	Comments
Kick & Click cantilever	X				
Kick & Click inner + outer rail	X				
Kick & Click clamp	X				
Kick & Click kick lock				X	
Kick & Click clips				X	

DRAWING APPENDIX

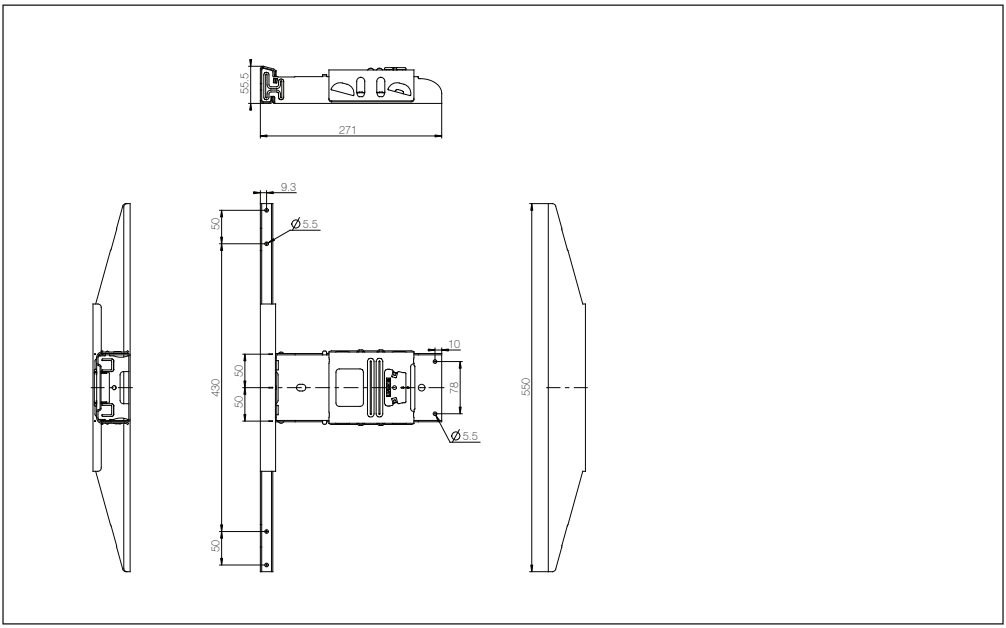
Kick & Click Adjustable



Kick & Click Fixed



Kick & Click Base



LINAK APPLICATION POLICY

The purpose of the application policy is to define areas of responsibilities in relation to applying a LINAK product defined as hardware, software, technical advice, etc. related to an existing or new customer application.

LINAK products as defined above are applicable for a wide range of applications within the Medical, Furniture, Desk and Industry areas. Yet, LINAK cannot know all the conditions under which LINAK products will be installed, used, and operated, as each individual application is unique.

The suitability and functionality of the LINAK product and its performance under varying conditions (application, vibration, load, humidity, temperature, frequency, etc.) can only be verified by testing, and shall ultimately be the responsibility of the LINAK customer using any LINAK product.

LINAK shall be responsible solely that the LINAK products comply with the specifications set out by LINAK and it shall be the responsibility of the LINAK customer to ensure that the specific LINAK product can be used for the application in question.

DECLARATION OF INCORPORATION OF PARTLY COMPLETED MACHINERY

LINAK A/S
Smedevænget 8
DK - 6430 Nordborg

Herewith declares that LINAK DESKLINE® products as characterized by the following models and types:

Control Boxes	CBD4, CBD5, CBD6, CBD6S
And	
Linear Actuators	LA31, DB4, DB5, DB6, DB7, DB9, DB12, DB14, DB16, LA23
Lifting Columns	DL1A, DL2, DL4, DL5, DL6, DL7, DL8, DL9, DL10, DL11, DL12, DL14, DL15, DL16, DL17, LP2, LP3, BASE1
And	
Desk Panels	DP, DPA, DPB, DPH, DPF, DPT, DP1C, DP1K, DP1L, DP1V, DP1U, WDPL1
RF Controls	HB10, HB20, RFR and RFT
And	
Accessories	BA001, SLS, Kick & Click

comply with the following parts of the Machinery Directive 2006/42/EC, ANNEX I, *Essential health and safety requirements relating to the design and construction of machinery*:

1.5.1 Electricity supply

The relevant technical documentation is compiled in accordance with part B of Annex VII and that this documentation or part hereof will be transmitted by post or electronically to a reasoned request by the national authorities.

This partly completed machinery must not be put into service until the final machinery into which it is to be incorporated has been declared in conformity with the provisions of the Machinery Directive 2006/42/EC where appropriate.

Nordborg, 2015-08-21

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